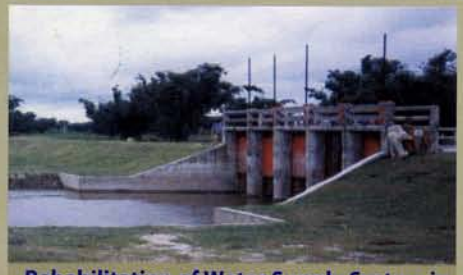
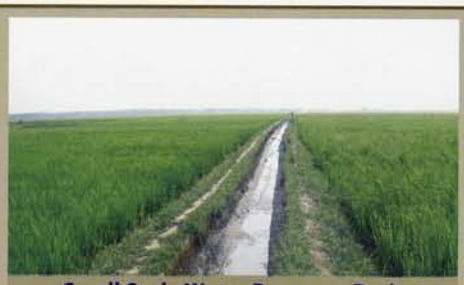
WATER RESOURCE DEVELOPMENT

RUBBER DAM, Bangladesh

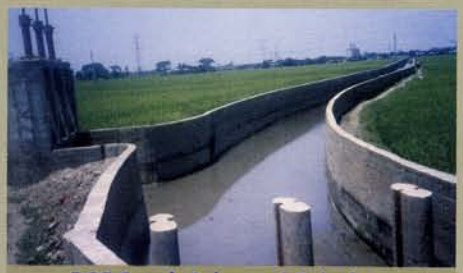
As a measure of diversification attempt of different economic sectors we are recently intensively assocated in water sector activities. Traditionally worked for water resource management for irrigation and agriculture development, hydrological studies for structures of infrastructure and bridges, water structures etc. In the water supply sub-sector the company has long experiences in rural and urban water supply projects. So long underground water was extracted for water supply and irrigation by sinking deep or shallow tube-wells. Now there has been a paradigm shift towards the use of surface water for treatment and transmission. BCL water engineers are now engaged in designing Surface Water Treatment Plants.



Rehabilitation of Water Supply System in Narayanganj, Bangladesh



Small Scale Water Resource Project, Bangladesh



RCC Canal- Ashuganj-Palash Agro-Irrigation Projects, Bangladesh

Major Experiences

- Feasibility Study and Design of a 180 MLD Surface Water Treatment Plant at Comilla using Gumti River water, CGP, JICA, 2017
- Feasibility Study and Basic Design of Gazipur Water Treatment Plant 940 MLD capacity, 2017
- Survey of Actual Condition and Future Plan of Water Supply and Water Resources Development in Southern Chittagong (Matarbari Power Generation Hub), Moheshkhali, Cox's Bazar, 2015
- Mathematical Modeling for identification of safe drinking water supply sources, Dhaka Region, 2010-2013
- Expansion and Rehabilitation of water supply system in Narayanganj, 2011
- Water Supply and Sanitation in Coastal Belt Project, Regional Support Organization, DPHE, DANIDA, 2009
- Water Supply System of Jamuna Bridge Project Housing and Resort Area, JMBA, 1996
- Kuwait Sewerage System Improvements – Phase VIII, Kuwait, 2005
- Development of Water Supply on Sewerage System in Islands of Laamu Gan, Thinadho N Velidhoo, N Holhudhoo, Maldives, 2010
- Water Supply System of Sweden-Bangladesh Polytechnic Institute, Kaptai, 1987
- Feasibility Study and Detailed Engineering for Ganga Barrage Project, BWDB, 2013
- Feasibility Study and Detailed Design of 50 sub-projects under Participatory Small Scale Water Resources Sector Project, LGED, 2009-2012